

1st and Final bill

Job code No: 007-21-000002

Est cost: 15.00 lakhs.

NO. NO: E&A Project/14NK

zone/100/135/2020-21

M.A.R. 57 (Rule 116)

No. D

Measurement Book

162387

Serial No. Providing RD plant in Byatarayanapura in ward NO. 7

Name of work From To
Name of Contractor of nature of Agency M. C. Madanah, Bangalore.

Date of commencement of work ... 13.11.20 ... 13.11.20

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
1.	Earthwork excavation for foundation of building including earthwork lines and electrical conduits either in pits or in trenches 1.5m -- complete						
	For columns	1x4	1-20	1-20	1-00	5.76 ✓	
	Long walls	1x2	5-60	0-80	1-00	8.96 ✓	
	Short walls	1x2	2-30	0-80	1-00	3.68 ✓	
	Debris	1x1	6-00	2-50	0-40	6.00 ✓	
		1x1	8-00	3-50	0-55	15.40 ✓	
		1x1	3-00	1-80	0-30	1.62 ✓	
		2	609.12	Cum		41.42	Cum Rs 21087.75 ✓

Rs 21087.75

[Signature]

M. A. R. 57 (Rule 116)
Measurement Book

No. D

162388

Serial No.

Name of work From To

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc., of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	LW	1x2	5.60	0.60	0.45	3.02	
	SW	1x2	2.30	0.60	0.42	1.16	
						4.18	cum
04	Providing and constructing granite trap/basalt size stones in basement with cement mortar 1:1.6 edges of stones - complete						
	85M LW	1x2	5.60	0.45	0.45	2.27	
	SW	1x2	2.30	0.45	0.42	0.87	

21300/-
5085.71/cum Rs 21300.00

62508

MEASUREMENT BOOK

Date	Full description, etc. of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
5	Providing bush pointing to square rubble, course or unconcealed stone masonry with cement mortar, 20 mm deep after making joints to depth of 20 mm - - Complete.	3014		@ Rs 5211.37/a		3.14	Cur Rs 16350.15
	8cm LWD	1x2	5.60	-	0.45	5.04	
	3/4" dia	1x2	2.30	-	0.42	1.93	
						6.97	sqm
						@ Rs 159.88/sqm	Rs 1114.68
							115

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162389

Serial No.

Name of work From To

Name of Contractor of nature of Agency

Date of commencement of work

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
6	Providing and laying in position reinforced cement concrete of design mix mcs with OPC cement @ 340kgs with 20mm and down size graded - - concrete						
	Footing	1x4	1.20	1.20	0.30	1.78	
	Column	1x4	0.23	0.30	4.30	1.19	
	Pile/Bear	1x2	5.60	0.23	0.20	0.52	
	Roots Beam	1x2	2.30	0.23	0.20	0.24	
		1x2	5.60	0.23	0.20	0.52	
		1x2	2.30	0.23	0.20	0.24	
	For slab	1x1	5.60	2.30	0.15	2.29	
	Unit	1x2	5.60	0.20	0.10	0.22	

7.86

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201, 2002

Reference
to last
Measurement
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M. A. R. 57 (Rule 116) **No. D**

162390

Serial No.
Name of work From To
Name of Contractor of nature of Agency.....
Date of commencement of work.....

Date	Full description, etc, of work	Dimensions			Contents	Reference to last Measurement
		Number	Length	Breadth	Depth	
1	2	3	4	5	6	7
8.	Providing and rendering centering, shuttering, propping and removal of form work for vertical surface such as walls at any thickness - complete					
	For footing	1x4	4.80	-	0.30	5.76
	Column	1x4	1.06	-	4.30	18.23
	Plinth Beam	1x4	5.60	-	0.30	6.75
	Lintel	1x4	2.50	-	0.20	2.00
	Roof Beam	1x2	5.60	-	0.10	1.12
		1x2	2.50	-	0.10	0.50
		1x4	5.50	-	0.15	3.30

31.03

51854.00
1465759.38
2015

as sold 2.19.
including 2015
Fe 500.

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1		3	4	5	6	7	8
	for slab	1x4 1x1	2.50 5.20	-	0.15 2.20	1.50 11.44	
	Concrete blocks 9 size --complete.	400x 200x 200mm	5.60 5.60 2.50 2.50	3.35 3.35 3.35 3.35	18.76 18.76 18.76 18.76	50.57 59m	20528.69

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No. D

Serial No.

162391

Name of work

From To

Name of Contractor of nature of Agency

Date of commencement of work

Date	Full description, etc, of work	Dimensions				Reference to last Measurement
		Number	Length	Breadth	Depth	
1	2	3	4	5	6	8
	steps	1x2	5.60	0.40	0.40	6.48
	CS	1x1	5.60	0.20	0.20	1.12
	Reduction	-1x1	2.40	0.20	0.20	-5.25
	Rs	-1x1	1.00	1.00	1.00	-1.00
						53.62
						Rs 55448.98

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
10.	Providing 12mm-thick cement plaster in single coat with cement mortar 1:4, to ceiling including rounding off - - complete						
	For ceiling	1x1	5.20	2.30	-	11.96	8gm
11.	Providing 12mm thick cement plaster in single coat with cement mortar 1:3 to brick masonry including rounding off corner - - complete						
		1x1	5.60	-		3.35	18.76
		1x1	5.60	-		3.35	18.76
		1x1	2.50	-		3.35	8.38
		1x1	2.50	-		3.35	8.38
							54.28

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No. D

Serial No.

162392

Name of work From To

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions			Depth	Contents	Reference to last measurement
		Number	Length	Breadth			
1		3	4	5			8
	Reduction RS	-1x1	2.10	-	2.50	-5.25	
	curb	-1x1	1.00	-	1.00	-1.00	
						48.02	52m
12.	Providing 18mm thick cement plaster in single coat with cement mortar 1:1:6 to brick masonry -- complete						
		1x1	5.60	-	3.50	19.60	
		1x1	5.60	-	3.50	19.60	
		1x1	2.90	-	3.50	9.45	
		1x1	2.90	-	3.50	9.45	
						58.10	

@ RS 239.25/sqm

RS 11488.79

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MEASUREMENT BOOK

Date	Full description, etc., of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1		3	4	5	6	7	8
	Reduction	1X-1	2-10	-	2-50	5.25	
	Can 3/4	1X-1	1-00	-	1-00	1-00	
						51.85	sqms 14403.93
						277.80 sqm	144403.93
13.	Providing and fixing special make approved make, quality and above of size 600x600 x 10mm						
	completo.						
	Flooring	1X1	5-20	2-20	-	11-96	
	Can 3/4	1X2	5-60	-	0-13	1-46	
						13.42	sqms
						1349.33/sqm	18102.61

M. A. R. 57 (Rule 116) Measurement Book

No. D

162393

Serial No.

Name of work From To

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions			Contents	Reference to last Measurement
		Number	Length	Breadth		
1	2	3	4	5	6	7
14.	Providing skirting on 10mm thick cement - - complete.					
		1x2	5.20		0.10	1.04
		1x2	2.30		0.10	0.46
		1x1	0.35		0.85	0.30
		1x1	3.15		0.35	2.99
		1x-1	2.10	-	0.10	0.21
		1850.51/sqm			Qty	4.58
		@ RS			Rs	7161.47
		1850.51/sqm			Qty	3.87
		89m			Rs	7161.47

Handwritten notes and calculations in the table, including '1x2', '1x1', and '1x-1' dimensions, and a large bracketed section for the final calculation.

Handwritten calculations and totals at the bottom of the page, including '4.58', '3.87', and 'Rs 7161.47'.

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
15.	Providing and fixing pul and push type rolling shutters of approved make but of 18 gauge, 25mm wide cold rolled steel -- Complete shutter Rolling shutter	1x1	5.20	-	2.95	15.34	15519.32
16.	Providing and applying two coats of distemper two coats for ceiling work	1x1	5.20	-	2.95	15.34	15519.32

22

2527.23

M. A. R. 57 (Rule 116)
Measurement Book

No. D

162395

Serial No.

Name of work From To

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date of completion							
Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
18.	Providing and fixing and ventilator using - - complete	1x1	1.00	-	-	1.00	Rs 21.00 kg
							Rs 2262.12
							Rs 17104

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M. A. R. 57 (Rule 116)
Measurement Book

No. D

162396

Serial No.

Name of work From To

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
21.	Supply heavy gauge PVC conduit function boxes adhesive paste etc and 25mm dia 2mm thick concealed conduit system	1x1	28.00	-	-	28.00	mts.
22.	Supplying 25mm dia 2mm thick conduit pipe with suitable fixings using 25mm dia 2mm thick	1x1	28.00	-	-	28.00	mts
	Conduit pipe with suitable fixings using 25mm dia 2mm thick	1x1	28.00	-	-	28.00	mts
	Conduit pipe with suitable fixings using 25mm dia 2mm thick	1x1	28.00	-	-	28.00	mts

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
23.	Groove cutting in the wall heavy gauge PVC conduit pipe with bends, metal junction boxes - - complete	25mm dia 2mm thick	23.00	@ Rs 56.69/mtr	23.00	mtr	Rs 1557.92
24.	Supply and fixing sheet metal box made out of metal with necessary holes for cable/conduit entry as required - - complete.			@ Rs 56.69/mtr	23.00	mtr	Rs 1303.87

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No. D

162397

Serial No.

Name of work From To

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions			Contents	Reference to last Measurement
		Number	Length	Breadth	Depth	
1	200 x 90 x 65 mm Cbr	1x1	3.00	-	-	3.00 Each
2	Supplying and fixing PVC/metal conduit accessories	1x1	-	@ 116.54/each	-	NS 849.62
3	@ 32mm deep junction box	1x1	-	@ NS 62.99/each	1.00	Each NS 62.99
4						~~NS 181.6~~

83464.64 ✓
~~83464.64~~
 11/02

M. A. R. 57 (Rule 116)
Measurement Book

No. D

Serial No.

Name of work From To

Name of Contractor of nature of Agency.....

Date of commencement of work.....

162398

Date	Full description, etc, of work	Number	Dimensions			Contents	Reference to last Measurement
			Length	Breadth	Depth		
1	2	3	4	5	6	7	8
28.	supplying and fixing superior quality modular switch mounting poly carbonate plate with necessary supporting back plate -- complete.						
	Group A - module		5.00	-	-	5.00	No.
	Ch. 22		@ Rs 18373/100				Rs 918.65/100.
29.	supplying and fixing 4 32 Amps security and saving DP switch with key tag suitable to operate on 230 volts, 50 Hz AC supply - complete						

MEASUREMENT BOOK

Date	Full description, etc. of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Group A CSC PVC	1x2	-	-	-	2.00 each at the rate of 113.93/each	Rs 1427.86
30.	wiring for lighting/Power circuit using one of PVC insulated 1100v grade multi strand Copper Conductor single - complete	~~1x3~~ 1x3	86.00	-	-	258 mtr	Rs 5552.16
31.	supplying and fixing of PVC casing and capping on the wall or ceiling using necessary materials like bends	③	1521.52/mtr	-	-	258 mtr	Rs 5552.16

M. A. R. 57 (Rule 116)
Measurement Book

No. D

162399

Serial No.

Name of work From To

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions			Contents	Reference to last Measurement
		Number	Length	Breadth	Depth	
1	2	3	4	5	6	7
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19/11

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
33.	Extra for supplying 4mm thick white plastic plate and covering for junction boxes of size 110mm x 160mm	1	16.00	-	-	16.00	- complete
34.	Providing and fixing chlorinated pipes having thermal stability for 20 mm nominal OD pipes.	1	25.00	-	-	25.00	Rs 184.80
		1	25.00	-	-	25.00	Rs 6661.59

2024/2025

M. A. R. 57 (Rule 116)
Measurement Book

No. D

Serial No.

162400

Name of work From To

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions			Depth	Contents	Reference to last Measurement
		Number	Length	Breadth			
1	1. 448783=00 2. 448844=00 3. 45174-00 4. 5688-00 5. 529706=00 6. 1579645=00 Becon	3	4	5	6	7	8
	Except item no 20, 6 str 1/2 Becon charges Grand total						
	1492748.99 46842.48 5688.00 1545279.47						

Certificate

1. Certified that the work done is satisfactory

2. There is no departmental issues by BBMP.

Asst. Executive Engineer

Project Division

Shanka Zone

29/02

MEASUREMENT BOOK

Date	Full description, etc. of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Pre measurement for For Footing 12mm dia both ways For Column 8# 12mm dia bar Stirrups 10mm dia bar @ 150mm c/c For Plinth beam Beam length 14.70m 6# 12mm dia bar Stirrups 10mm dia bar @ 150mm c/c Lintel 101 4# 12mm dia bar Stirrups 10mm dia bar @ 150mm c/c 102 4# 12mm dia bar Stirrups 10mm dia bar @ 150mm c/c ~~Stirrups 10mm dia bar @ 150mm c/c~~ 10mm dia bar both ways Stirrups 10mm dia bar @ 150mm c/c For roof beam, length 9.80m 6# 12mm dia bar	item 1x8 1x4 1x4 1x4 1x1 1x1 1x2 1x2 1x2 1x2 1x1 1x1 1x1	20.7 12.00 8.00 36.00 6.00 10.5 4.00 3.7 4.00 16.00 6.00 28.00 6.00	1.25 6.00 1.00 15.80 1.00 5.60 0.65 2.30 0.65 2.75 0.60 15.80	0.89 0.89 0.61 0.89 0.61 0.89 0.61 0.89 0.61 0.61 0.61 0.61 0.89	106.80 170.88 87.84 84.37 64.05 39.87 29.34 16.38 11.90 10.06 10.25 84.37	~~84.37~~ ~~170.88~~ ~~87.84~~ ~~84.37~~ ~~64.05~~ ~~39.87~~ ~~29.34~~ ~~16.38~~ ~~11.90~~ ~~10.06~~ ~~10.25~~ ~~84.37~~ 2215.

St. 10/10

Serial No.

Name of

Name of

Date of

Date

1

No. D

Name of work **From** **To**

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc., of work	Dimensions			Contents	Reference to last Measurement
		Number	Length	Breadth		
1	Head of Account..... Audited & admitted for Rs.....	2	4	5	6	7
	1466800-00					
	63400-00 by Cheque					
	and Rs. 63400-00 by Adj. ment					
	Acct. Clerk Project Division B.B.M.P.					
	Acct. Clerk Project Division B.B.M.P.					
	Exam. Project Division B.B.M.P.					